

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24306Application No.
10/736,690INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Javier B. ARELLANO et al.Filing Date
December 17, 2003Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>BP</i>		6 4 8 3 5 2 3	11/2002	FENG			
<i>BP</i>		5 9 9 9 9 0 8	12/1999	ABELOW			
<i>BP</i>		5 9 7 4 2 5 3	10/1999	NAHABOO et al.			
<i>BP</i>		5 7 9 0 1 1 7	08/1998	HALVIATTI et al.			
<i>BP</i>	2003/	0 1 5 8 6 5 5	08/2003	OBRADOVICH et al.			
<i>BP</i>		6 4 8 7 2 7 7	11/26/02	BEYDA			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>BP</i>	1	LIEBERMAN, H., et al., "Let's Browse: A Collaborative Web Browsing Agent," 5-8 January 1999.

EXAMINER *Blanche Parker*DATE CONSIDERED *2/5/2007*

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

49 JAN 18 2005
OIPF
PITNEY BOWES
TRADE MARK
INFORMATION DISCLOSURE
OFFICE
APPL

FORM PTO-1449

**U.S. Department of Commerce
Patent and Trademark Office**

Atty. Docket No.
P24306

Application No.
10/736,690

INFORMATION DISCLOSURE STATEMENT
TRADEMARK APPLICANT
(Use several sheets if necessary)

Applicant
Javier B. ARELLANO et al.

Filing Date
December 17, 2003

Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

[illegible]

EXAMINER

DATE CONSIDERED

2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24306Application No.
10/736,690INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Javier B. ARELLANO et al.Filing Date
December 17, 2003Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	5 6 6 6 4 0 0	09/09/97	MCALLISTER et al.			
BP	6 0 5 2 6 9 3	04/18/00	SMITH et al.			
BP	6 1 6 1 1 3 0	12/12/00	HORVITZ et al.			
BP	6 6 1 8 7 1 5	09/09/03	JOHNSON et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Blank Page

DATE CONSIDERED 2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24306Application No.
10/736, 690INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Xavier B. ARELLANO et alFiling Date
December 17, 2003Group
2178 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	6 4 0 5 1 5 9	06/11/02	BUSHEY et al			
	4 9 6 4 0 7 7	10/16/90	EISEN et al			
	5 1 1 5 5 0 1	05/19/92	KERR			
	5 2 0 4 9 6 8	04/20/93	PARTHASASATHI			
	5 2 0 6 9 0 3	04/27/93	KOHLER et al			
	5 2 6 3 1 6 7	11/16/93	CONNER, Jr. et al			
	5 2 9 9 2 6 0	03/29/94	SHAO			
	5 3 2 7 5 2 9	07/05/94	FULTS et al			
	5 3 3 5 2 6 9	08/02/94	STEINLICHT			
	5 3 8 8 1 9 8	02/07/95	LAYMAN et al			
	5 4 2 0 9 7 5	05/30/95	BLADES et al			
	5 4 9 5 5 6 7	02/1996	IIZAWA et al			
	5 5 1 9 7 7 2	05/21/96	AKMAN et al			
	5 5 3 5 3 2 1	07/09/96	MASSARO et al			
	5 5 3 7 4 7 0	07/16/96	LEE			
	5 5 6 1 7 1 1	10/01/96	MULLER			
	5 5 8 6 0 6 0	12/1996	KUNO et al			
	5 5 9 4 7 9 1	01/14/97	SZLAM et al			
	5 6 0 0 7 8 1	02/04/97	ROOT et al			
	5 6 1 5 3 2 3	03/1997	ENGEL et al			
	5 6 5 7 3 8 3	08/12/97	GERBER et al			
	5 6 5 9 7 2 4	08/1997	BORGIDA et al			
	5 6 8 4 8 7 2	11/04/97	FLOCKHART et al			
BP	5 7 1 0 8 8 4	01/20/98	DEDRICK			
	5 7 2 7 9 5 0	03/1998	COOK et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	Brandon Parr	DATE CONSIDERED	2/5/2007
----------	--------------	-----------------	----------

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24306	Application No. 10/736, 690
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Javier B. ARELLANO et al	
		Filing Date December 17, 2003	Group 2178 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CL ASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	5 8 0 6 0 6 0	09/1998	BORGIDA et al			
	5 8 4 8 3 9 6	12/1998	GERACE			
	5 8 8 4 0 2 9	03/1999	BRUSH, II et al			
	5 9 9 1 7 3 5	11/1999	GERACE			
	6 3 8 9 4 0 0	05/14/02	BUSHEY et al			
	5 6 8 4 8 7 0	11/1997	MALONEY et al			
	5 8 2 5 8 6 9	10/1998	BROOKS et al			
	5 9 0 3 6 4 1	05/1999	TONISSON			
	5 9 2 3 7 4 5	07/1999	HURD			
	5 9 5 3 4 0 6	09/1999	LARUE et al			
	6 0 4 4 3 5 5	03/2000	CROCKETT et al			
	6 1 3 4 5 3 0	10/2000	BUNTING et al			
	6 1 6 3 6 0 7	12/2000	BOGART et al			
	6 1 7 3 0 5 3	01/2001	BOGART et al			
	4 3 1 0 7 2 7	01/12/82	LAWSER			
	4 6 9 4 4 8 3	09/15/87	CHEUNG			
	4 9 2 2 5 1 9	05/01/90	DAUDELIN			
	5 3 3 5 2 6 8	08/02/94	KELLY, JR. et al			
	5 4 7 9 4 8 8	12/26/95	LENNIGN et al			
BP	5 5 0 0 7 9 5	03/19/96	POWERS et al			
	5 5 3 0 7 4 4	06/25/96	CHARALAMBOUS et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BP	1	Kelly, "From Intelligent Call Routing to Intelligent Contact Management," Call Center Solutions, v19, n3, Sep. 2000;
	2	"Call Center Roundup," Teleconnect, Dec. 1998.
	3	"Call Centers: sales, service and competitive advantage," Canadian Business, v70, n2, Feb. 1997.
BP	4	Foster, "Advanced Definity call centers: Working for you and your customers," AT&T Technology, v9, n2, Summer 1994;

EXAMINER

Branley Park

DATE CONSIDERED

2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24306Application No.
10/736,690INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)Applicant
Javier B. ARELLANO et alFiling Date
December 17, 2003Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	5 5 3 3 1 0 7	07/02/96	IRWIN et al			
	5 5 9 4 7 9 1	01/14/97	SZLAM et al			
	5 6 7 5 7 0 7	10/07/97	GORIN et al			
	5 7 3 4 7 0 9	03/31/98	DEWITT et al			
	5 7 5 8 2 5 7	03/26/98	HERZ et al			
	5 7 7 1 2 7 6	06/23/98	WOLF			
	5 8 0 8 9 0 8	09/15/98	CHAHRAMANI			
	5 8 0 9 2 8 2	09/15/98	COOPER et al			
	5 8 2 2 7 4 4	10/13/98	KESEL			
	5 8 2 5 8 5 6	10/20/98	PORTER et al			
	5 8 3 2 4 3 0	11/03/98	LLEIDA et al			
	5 8 7 0 3 0 8	02/09/99	DANGELO et al			
	5 9 4 3 4 1 6	08/24/99	GISBY			
	5 8 2 1 9 3 6	10/1998	SHAFFER et al			
	5 8 6 4 6 0 5	01/1999	KESHAV			
	6 3 5 3 6 6 1	03/2002	BAILEY, III			
	4 7 6 1 5 4 2	08/02/88	KUBO et al			
	5 5 8 6 2 1 9	12/17/96	YUFIK			
	5 6 6 8 8 5 6	09/16/97	NISHIMATSU et al			
	5 8 1 2 9 7 5	09/22/98	KOMORI et al			
	5 8 1 9 2 2 1	10/06/98	KONDO et al			
Y	5 8 3 2 4 2 8	11/03/98	CHOW et al			
BP	5 7 9 3 3 6 8	08/11/98	BEER			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BP	5	Card, S.K., et al., "The Psychology of Human-Computer Interaction", Hillsdale, NJ: Lawrence Erlbaum (1983);
BP		

EXAMINER

Blanche Paré

DATE CONSIDERED

2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24306Application No.
10/736, 690INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Javier B. ARELLANO et alFiling Date
December 17, 2003Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	6 3 8 9 5 3 8	05/2002	GRUSE et al			
	6 3 8 9 4 0 3	05/2002	DORAK et al			
	5 5 6 6 2 9 1	10/1996	BOULTON et al			
	6 0 1 4 6 3 8	01/2002	BURGE et al			
	6 2 3 6 9 9 0	05/2001	GELLER et al			
	5 7 4 0 5 4 9	04/1998	REILLY et al			
	5 2 3 2 4 5 2	06/1994	DICKMAN et al			
	5 8 8 9 9 9 2	04/30/99	KOERBER et al			
	6 5 6 4 1 9 7	05/2003	SAHAMI et al			
	6 4 1 1 6 8 7	06/2002	BOHACEK et al			
	6 3 4 9 2 9 0	02/2002	HOROWITZ et al			
	6 3 3 0 3 2 6	12/2001	WHITT			
	6 2 6 9 1 5 3	07/2001	CARPENTER et al			
BP	6 2 1 2 5 0 2	04/2001	BALL et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BP 0 0 / 7 3 9 6 8*	12/07/00	W.I.P.O			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BP	6	Hart, S.G., et al., "Development of the NASA-TLX (Task Load Index): Results of Empirical and Theoretical Research", In P.A. Hancock and N. Meshkati (Eds.), "Human Mental Workload". (pp. 139-183) Amsterdam: North-Holland (1988).
	7	John, B.E., et al., "Using GOMS for User Interface Design and Evaluation: Which technique?", ACM Transactions on Computer-Human Interaction, 3 (4). 287-319 (1996).
	8	Shingledecker, C.A., "Operator Strategy: A Neglected Variable in Workload Assessment", The American Psychological Association, Division 21 Symposium on Mental Workload Measurement: The Theory Application Interface, Montreal, Quebec, Canada: American Psychological Association (1980);
	9	Wei, Z.G., "Mental Load and Performance at Different Automation Levels", The Netherlands: Delft; University. Applicants particularly call the Examiner's attention to pages 28-38 of this document (1997)
BP	1 0	Wierwille, W.W., et al., "Recommendations for Mental Workload Measurement in a Test and Evaluation Environment", Human Factors, 35 (2), 263-281 (1993).

EXAMINER

Brandon Puh

DATE CONSIDERED

2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24306	Application No. 10/736, 690
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Javier B. ARELLANO et al	
		Filing Date December 17, 2003	Group 2178 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		6 1 3 4 3 1 5	10/2000	GALVIN			
		5 5 8 6 1 7 1	12/1996	MCALLISTER et al			
		5 5 5 3 1 1 9	09/1996	MCALLISTER et al			
	2003 /	0 0 2 6 4 0 9	02/06/03	BUSHEY et al			
		6 0 6 1 4 3 3	05/09/00	POLCYN et al			
		6 0 5 8 1 7 9	05/2002	SHAFFER et al			
		6 0 1 6 3 3 6	01/18/00	HANSON			
		5 7 2 9 6 0 0	03/17/98	BALHA et al			
	2003 /	0 1 5 6 7 0 6	08/21/03	KOEHLER et al			
		5 3 1 1 4 2 2	05/10/94	LOFTIN et al			
BP		5 7 5 7 6 4 4	05/26/98	JORGENSEN et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BP	03 /	0 1 3 1 1 1	02/13/03	W.I.P.O			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BP	1	1	Ameritech Corp., "Ameritech Phone-Based UI Standards: Dialogue Design", http://www.ameritech.com/corporate/testtown/library/standard/pbix4.html >, 1998.				
	1	2	InterVoiceBrite, Inc., "AgentConnect Call Center Platform Brochure", no date available.				
	1	3	KELLNER A. et al., "PADIS - An automatic telephone switchboard and directory information system", <u>Speech Communication</u> , October 1997.				
	1	4	CARPENTER et al., "Natural Language Call Routing: a Robust, Self-Organizing Approach," Lucent Technologies Bell Laboratories (1998).				
	1	5	"Lucent Technologies announces trial of natural language call routing technology," a press release dated December 3, 1997.				
BP	1	6	RICARDI G., et al., "A spoken language system for automated call routing," 1997 IEEE International Conference on Acoustics, Speech, and Signal Processing, AT&T Bell Labs.				

EXAMINER <i>Brenda Puck</i>	DATE CONSIDERED <i>2/5/2007</i>
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24306	Application No. 10/736, 690
---------------	--	----------------------------	--------------------------------

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Applicant
Javier B. ARELLANO et al

Filing Date
December 17, 2003

Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CL ASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		5 8 6 4 8 4 4	01/26/99	JAMES et al			
		6 0 5 8 1 6 3	05/02/00	PATTISON et al			
		6 0 6 7 5 3 8	05/23/00	ZORBA et al			
		6 0 9 9 3 2 0	08/08/00	PAPADOPOULOS			
		6 1 2 8 3 8 0	10/03/00	SHAFFER et al			
		6 1 5 7 8 0 8	12/05/00	HOLLINGSWORTH			
		6 2 3 6 9 5 5	05/22/01	SUMMERS			
		6 2 8 2 4 0 4	08/28/01	LINTON			
		6 2 0 1 9 4 8	03/13/01	COOK et al			
2003	/	0 1 4 3 9 8 1	07/31/03	KORTUM et al			
		5 7 0 6 3 3 4	01/06/98	BALK et al			
		5 8 0 2 5 2 6	09/01/98	FAWCETT et al			
		5 9 9 9 6 1 1	12/07/99	TATCHELL et al			
		6 0 3 5 3 3 6	03/07/00	LU et al			
		6 0 8 8 4 2 9	07/11/00	GARCIA			
		6 1 0 4 7 9 0	08/15/00	NARAYANASWAMI			
		6 1 4 8 0 6 3	12/14/00	BRENNAN et al			
		6 1 7 0 0 1 1	01/02/01	MACLEOD BECK et al			
		6 2 6 3 0 5 2	07/17/01	CRUZE			
		6 2 9 5 5 5 1	09/25/01	ROBERTS et al			
		6 3 3 2 1 5 4	12/18/01	BECK et al			
BP 2001	/	0 0 4 1 5 6 2	11/15/01	ELSEY et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
BP	0	0 / 3 3 5 4 8	06/08/00	W.I.P.O			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BP	1	7	"ACD Learning Center Tutorial Series", ACD Call Center Online Learning Center,				
BP			http://www.call-center.net/ivr-series.htm .				

EXAMINER

Beach Park

DATE CONSIDERED

2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant
Javier B. ARELLANO et al

Filing Date
December 17, 2003

Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	2002	/ 0 1 3 3 3 9 4	09/19/02	BUSHEY et al			
		6 0 5 5 5 4 2	04/2000	NIELSEN et al			
		6 1 6 6 7 3 2	12/2000	MITCHELL et al			
		6 2 0 1 9 4 8	03/2001	COOK et al			
BP		6 4 4 8 9 8 0	09/2002	KUMAR et al			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BP	1	8	"Customer Management Technology", TeleTech, < http://www.teletech.com/solutions/cmt.htm >, printed on December 18, 2001.				
	1	9	"Products & Services - Interactive Voice Response (IVR)" Prairie Systems, http://www.prairiesys.com/PSI/p_s_interactive_sol.htm .				
	2	0	"RVS Voice", iMessaging Systems, Inc., http://www.imessagingsystems.com/imsprods/rvsvoice/rvsvoice.htm .				
	2	1	"What's Next in Interactive Voice Response", International Nortel Networks Meridian Users Group, < http://www.innmug.org/information/kirvan.html >, which was published in the December, 2000 issue of <u>InnTouch</u> ;				
	2	2	KOBAYASHI, K., "Information Presentation based on Individual User Interests," 1998, <u>Second International Conference, IEEE</u> , pp. 375-383;				
	2	3	SGOUROS, N., "Dynamic Dramatization of Multimedia Story Presentations", 1997 ACM, pp. 87-94.				
	2	4	MURTAUGH, M., "The Automatist Storytelling System," 1996 Massachusetts Institute of Technology, Masters Thesis.				
	2	5	BROOKS, K. M., "Do Agent Stories Use Rocking Chairs: The Theory and Implementation of One Model for Computational Narrative," <u>Processings of the Fourth ACM International Multimedia Conference on Intelligent User Interfaces</u> , ACM Press 1996.				
	2	6	MAYBURY, M., <u>Intelligent Multi-Media Interfaces</u> , AAAI/MIT Press, Cambridge, MA, 1993, Chapter 5: S.K. FIENER et al., "Automating the Generation of Coordinated Multimedia Explanations."				
	2	7	SZEKELY, P., "Retrospective and Challenges for Model-Based Reasoning," USC Information Sciences Institute, Marina del Rey, CA, 1996.				
BP	2	8	STANFILL, C., et al., "Toward Memory-Based Reasoning," <u>Communications of the ACM</u> , Vol. 29, NO. 12, ACM Press, December 1986.				

EXAMINER

Brandon Park

DATE CONSIDERED 2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JUL 01 2004

U.S. PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>B. J. L. L. L.</i>	DATE CONSIDERED	2/5/2007
----------	-----------------------	-----------------	----------

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24306	Application No. 10/736,690
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Javier B. ARELLANO et al.	
		Filing Date December 17, 2003	Group 2178 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	2001 / 1 4 8 6 3	08/16/01	WILLIAMS III			
	2002/ 0 0 5 5 8 6 8	05/09/02	DUSEVIC et al.			
	2002/ 0 1 9 6 2 7 7	12/26/02	BUSHEY et al.			
	2003/ 0 1 5 6 1 3 3	08/21/03	MARTIN et al.			
	2004/ 0 0 3 2 9 3 5	02/19/04	MILLS et al.			
	2004/ 0 0 4 2 5 9 2	03/04/04	KNOTT et al.			
	2004/ 0 0 0 6 4 7 3	01/08/04	MILLS et al.			
	4 9 3 0 0 7 7	05/29/90	FAN			
	5 1 8 1 2 5 9	01/19/93	RORVIG			
	5 3 7 1 6 7 3	12/06/94	FAN			
	5 6 3 3 9 0 9	05/27/97	FITCH			
	5 6 7 1 3 5 1	09/23/97	WILD et al.			
	5 8 2 2 3 9 7	10/13/98	NEWMAN			
	5 8 3 5 5 6 5	11/10/98	SMITH et al.			
	5 8 7 2 8 6 5	02/16/99	NORMILE et al.			
	5 8 7 3 0 6 8	02/16/99	BEAUMONT et al.			
	5 9 0 5 7 7 4	05/18/99	TATCHELL et al.			
	5 9 6 3 9 6 5	10/05/99	VOGEL			
	6 0 2 6 3 8 1	02/15/00	BARTON III et al.			
	6 0 3 2 1 2 9	02/29/00	GREEF et al.			
	6 0 3 5 2 8 3	03/07/00	ROFRANO			
	6 0 3 8 5 6 0	03/14/00	WICAL			
	6 0 5 8 4 3 5	05/02/00	SASSIN et al.			
	6 1 6 0 8 7 7	12/12/00	TATCHELL et al.			
BP	6 2 1 9 6 6 5	04/17/01	SHIOMI			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
Brandon Paulk	2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449	U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P24306	Application No. 10/736,690
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Javier B. ARELLANO et al.	
		Filing Date December 17, 2003	Group 2178 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP	6 2 3 0 1 9 7	05/08/01	BECK et al.			
	6 2 4 3 3 7 5	06/05/01	SPEICHER			
	6 2 4 9 5 7 9	06/19/01	BUSHNELL			
	6 2 7 8 9 7 6	08/21/01	KOCHIAN			
	6 2 8 9 0 8 4	09/11/01	BUSHNELL			
	6 2 9 2 9 0 9	09/18/01	HARE			
	6 2 9 6 3 7 6	10/02/01	KONDO et al.			
	6 3 0 8 1 7 2	10/23/01	AGRAWAL et al.			
	6 3 3 6 1 0 9	01/01/02	HOWARD			
	6 3 5 3 8 2 5	03/05/02	PONTE			
	6 3 5 7 0 1 7	03/12/02	BEREITER et al.			
	6 3 6 6 8 7 9	04/02/02	COXHEAD et al.			
	6 3 7 4 2 6 0	04/16/02	HOFFERT et al.			
	6 4 0 0 8 0 7	06/04/02	HEWITT et al.			
	6 4 0 5 1 4 9	06/11/02	TSAI et al.			
	6 4 0 5 1 7 0	06/11/02	PHILLIPS et al.			
	6 4 3 4 7 1 4	08/13/02	LEWIS et al.			
BP	6 5 1 6 0 5 1	02/04/03	SANDERS			
	6 5 9 8 0 2 2	07/22/03	YUSCHIK			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

Brandon Park

DATE CONSIDERED

2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
P24306Application No.
10/736,690INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(Use several sheets if necessary)

Applicant
Javier B. ARELLANO et al.Filing Date
December 17, 2003Group
~~2178~~ 2174

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
BP		6	2	3	6	3	9	5	05/22/01	SEZAN et al.			
		6	5	8	7	1	2	7	07/01/03	LEEKE et al.			
		6	1	2	8	6	2	4	10/03/00	PAPIERNIAK et al.			
✓ 2001	/	0	0	1	4	8	6	8	08/16/01	HERZ et al.			
BP		6	3	3	8	0	5	0	01/08/02	CONKLIN et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

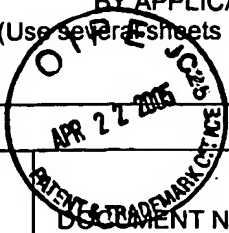
Brandon Park

DATE CONSIDERED

2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Group
~~2178~~ 2174

[illegible][illegible][illegible]

DATE CONSIDERED 2/5/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.